

MATERIAL SAFETY DATA SHEET

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Section 1

PACER TECHNOLOGY
9420 Santa Anita Avenue
Rancho Cucamonga, CA 91730

For Chemical Emergency Only:

In the US & Canada (800) 424-9300
Int'l & Wash DC (COLLECT) (703) 527-3887
Telephone for Information: (909) 987-0550

PRODUCT IDENTIFICATION:

White Appliance Touch Up

HAZARD RATING (NFPA or HMIS)

2 = Health

3 = Flammability

0 = Reactivity

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Methyl Ethyl Ketone* (78-93-3)	200ppm	200ppm		8-13
Toluene *# (108-88-3)	100ppm	100ppm		8-13
Titanium Dioxide (13463-67-7)	10mg/m ³	10mg/m ³		8-13
Isobutyl Alcohol (78-83-1)	100ppm	50ppm		1-4
Ethylbenzene (100-41-4)	100ppm	100ppm		0-1
Xylene Isomers* (1330-20-7)	100ppm	100ppm		1-4
Nitrocellulose (9004-70-0)	NE	NE		4-8
Isopropyl Alcohol (67-63-0)	400ppm	200ppm		1-4
Ethylene Glycol Monobutyl Ether*# (111-76-2)	50ppm	25ppm		1-4
N-Butyl Acetate (123-88-4)	150ppm	150ppm		20-30
Aliphatic Naphtha (64742-89-8)		400ppm		4-8

* This ingredient is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

Indicates OSHA "skin designation" exposure hazard (29 CFR Table Z-1-A).

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Range: 176-253 F Weight per gallon: 8.41
Vapor Density: (Air=1): >1 Melting Point: NE
Vapor Pressure (mm Hg): 25 mm @ 68F Evaporation Rate: Faster than Butyl acetate.
Solubility in Water: Slightly soluble. V.O.C.: 5.41 lb/gal (648 g/L)
Appearance & Odor: White colored liquid with an aromatic type odor.

Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method): 16 F (TCC) LEL: 1.1% UEL: 12.7%
Extinguishing Media: Dry chemical, foam or carbon dioxide. Water fog may lessen fire intensity.
Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Vapors can ignite explosively or cause a flash fire. Vapors are heavier than air and may travel distance to ignition sources. Do not weld on or near container, even when empty.

Section 5 - REACTIVITY DATA:

Stability: Unstable ___ Stable XX Conditions to Avoid: Heat, sparks or flame.
Incompatibility (Materials to Avoid): Acids, Alkaline materials, amines, strong oxidizing agents.
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide & oxides of nitrogen.
Hazardous Polymerization: May Occur ___ May Not Occur XX

Section 6 - HEALTH HAZARD DATA:

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Health Hazards: Temporary dizziness, headache, possible nausea by inhalation. Solvents may defat skin if contact occurs, causing irritation & may be absorbed through skin causing headache and nausea. Severe eye irritant with direct contact; may cause extensive corneal injury. Do not breath vapors or spray mist. Ingestion may cause possible kidney and liver damage or irritation of gastrointestinal tract. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

Warning: This product contains chemicals known to the State of California to cause cancer or other reproductive harm.

First Aid Procedures:

Eye contact - Immediately flush eye with copious amounts of water for 15 minutes. Get immediate medical attention.

Skin contact - Remove contaminated clothing and wash affected areas with soap and water. Contact a physician immediately.

Inhalation - Remove to fresh air. Perform artificial respiration if breathing has stopped. Contact physician immediately.

Ingestion – Rinse mouth immediately. Give 6-8 ounces of liquid if conscious. Do not induce vomiting unless advised by a physician. Get immediate medical attention and show container label.

Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to Be Taken in Case Material is Released or Spilled: Remove source of ignition and provide ventilation. Stay upwind & away from spill unless wearing appropriate respiratory & protective equipment. Soak up with inert absorbent. Use non-sparking tools for cleanup. Place into container for disposal. Keep out of drains, sewers or waterways. Contact local fire, health & pollution control agencies if large spill.

Waste Disposal Method: Dispose of in accordance with local, state, and federal EPA regulations. Do not incinerate closed containers.

Precautions to Be Taken in Handling and Storing: Store in a cool location away from heat, sparks or flames. Avoid prolonged or repeated breathing of vapors. Spray mist and vapors are flammable.

Other Precautions: Ground container when transferring product. Do not cut, puncture, or weld on or near empty container.

Section 8 - CONTROL MEASURES:

Respiratory Protection (Specify Type): A NIOSH approved vapor canister may be used to maintain vapor concentration below TLV.

Ventilation: Local Exhaust: To maintain vapor concentration below TLV.

Mechanical (General): As needed.

Protective Clothing or Equipment: Safety glasses/goggles with side shields, rubber or neoprene gloves and apron to protect skin and clothing. Eyewash stations & safety showers should be readily available in handling areas.

Work/Hygienic Practices: Wash hands with soap and water after use. Launder contaminated clothing before reuse.

NE = Not established

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